



Demand Analysis Working Group 2021 Transportation Energy Demand Forecast: Plug-In Electric Vehicle Charging Load Shapes

September 14, 2021



Purpose of DAWG Meetings

- Inform stakeholders of model assumptions and changes
- Solicit input/feedback from stakeholders
- Better understand stakeholders' needs and preferences
- Connect analysts and contractors with stakeholders



Meeting Agenda

Topic	Time	Facilitator
Welcome and Introductions	1:00 to 1:15	Alex Lonsdale, Energy Commission
Transportation Fuel Prices Forecast	1:15 to 1:45	Ysbrand van der Werf, Energy Commission
Off-Road Forecast	1:45 to 2:30	Jeffrey Lu, Energy Commission
Overview of EV Infrastructure Load Model; Light-Duty Vehicle Load Shapes	2:30 to 3:00	Alex Lonsdale, Energy Commission
Break	3:00 to 3:10	
HEVI-LOAD Model Introduction	3:10 to 3:25	Noel Crisostomo, Energy Commission
Medium- and Heavy-Duty Load Shapes	3:25 to 4:25	Cong Zhang and Bin Wang, Lawrence Berkeley National Labs
Wrap-up Discussion and Comments	4:25 to 5:00	All Participants



IEPR Timeline

- **September:** Complete statewide forecast results
- **October:** Complete regional, load shape, and exploratory scenario(s) forecast results
- **November:** Transportation DAWG meeting on forecast results and exploratory scenario results
- **December 2:** IEPR Commissioner workshop on forecast results